**Chapter 16 Study Guide**

1. “God’s handiwork”

2. “natural philosophers”

3. alchemy and hermetic magic

4. Ptolemaic universe

5. Aristotle

6. geocentric universe

7. the Empyrean Heaven

8. epicycles

9. Nicolaus Copernicus

10. *On the Revolutions of the Heavenly Spheres*

11. heliocentric universe

12.Tycho Brahe

13. Johannes Kepler

14. three laws of planetary motion

15. Galileo Galilei

16. *The Starry Messenger*

17. *Dialogue on the Two Chief World Systems*

18. the Inquisition

19. Isaac Newton

20. *Principia*

21. universal law of gravitation

22. Galen

23. four bodily humors

24. Paracelsus

25. “new drugs”

26. Andreas Vesalius

27. *On the Fabric of the Human Body*

28. William Harvey

29. *On the Motion of the Heart and Blood*

30. Robert Boyle

31. Antoine Lavoisier

32. Margaret Cavendish

33. Maria Sibylla Merian

34. Maria Winkelmann

35. *querelles des femmes*

36. Rene Descartes

37. *Discourse on Method*

38. “I think therefore I am”

39. Descartes’ deductive method

40. Scientific Method

41. Francis Bacon’s inductive method

42. “to conquer nature in action”

43. Benedict de Spinoza’s pantheism

44. *Ethics Demonstrated in the Geometrical Manner*

45. Blaise Pascal

46. *Pensees*

47. English Royal Society

48. French Royal Academy of Sciences

49. *Journal des Savants*

50. *Philosophical Transactions*

**CHAPTER 17**

**THE EIGHTEENTHE CENTURY: AN AGE OF ENLIGHTENMENT**

***Identifications:***

1. Immanuel Kant’s definition of the Enlightenment

2. *reason*

3. Fontenelle’s *Plurality of Worlds*

4. Pierre Bayle

5. James Cook’s *Travels*

6. John Locke’s *tabula rasa*

7. *Essay Concerning Human Understanding*

8. *philosophes*

9. Montesquieu’s *The Spirit of the Laws*

10. Voltaire’s *Treatise on Toleration*

11. deism

12. Denis Diderot’s *Encyclopedia*

13. “science of man”

14. David Hume

15. Physiocrats

16. Francois Quesnay

17. Adam Smith’s *Wealth of Nations*

18. *laissez-faire*

19. Condorcet and Baron d’Holbach

20. Jean-Jacques Rousseau’s *The Social Contract* and the general will

21. Emile

22. Mary Astell’s *A Serious Proposal to the Ladies*

23. Mary Wollstonecraft

24. *Vindication of the Rights of Woman*

25. the salon and the coffeehouse

26. Marie-Therese de Geoffrin

27. American Philosophical Society

28. Rococo

29. Antoine Watteau

30. Balthasar Neumann

31. Neoclassicism

32. Jacques-Louis David

33. Johann Sebastian Bach

34. George Frederick Handel

35. Franz Joseph Haydn

36. Wolfgang Amadeus Mozart

37. Samuel Richardson’s *Pamela*

38. Henry Fielding’s *History of Tom Jones, A Foundling*

39. Edward Gibbon’s *Decline and Fall of the Roman Empire*

40. Addison and Steele’s *Spectator*

41. newspapers and libraries

42. *Realschule* and *Volkschulen*

43. Cesare Beccaria

44. Carnival

45. gin

46. chapbooks

47. Joseph II’s Toleration Patent

48. Ashkenazic and Sephardic Jews

49. pietism and the Moravian Brethren

50. John Wesley and Methodism